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Claim 1. (Amended) A stator winding [in] for a rotating electric machine having [comprising] a stator, a rotor and air gap therebetween, the stator having end surfaces and [provided with] a plurality of radial slots extending between the end surfaces to hold [a] the winding[,] in layers at different radial distances from the air gap [between the rotor and the stator, characterized in that], the winding [is in the form of] comprising a cable passing [wherein the part of the cable that passes] to and from once through the stator between different layers [forms] forming a corresponding coil [with] having an arc-shaped coil end protruding from each end surface of the stator, [and in that] each of the coils [are] bridging a corresponding number of slots and being divided into coil group parts, [and that] all of the coils in the same coil group part [are] being arranged axially, one outside the other with substantially coinciding centres and with successively increasing diameters, and wherein the number of slots that are bridged by each of the coils successively increasing within the coil group part.

Claim 2. (Amended) A stator winding as claimed in claim 1, wherein the stator has a yoke and [characterized in that] the [coils] cable produces a formation [from the air gap towards the stator yoke since, on] passing from a first one of said [the] first slots to [the] a second one of said slots, and [also] upon returning to the first slot, the cable changes position to a [the] next layer [immediately outside] in a first direction until a number of

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positions in the slot have been filled, and said cable then passes to [the] a nearest adjacent slot to form coils that lie [inside or outside] to a side of the cable [in the other] and coils included in the coil group are disposed [part] in the same formation.

Claim 3. (Amended) A stator winding as claimed in claim 1, wherein [characterized in that] all of the coils in a coil group part are formed in sequence from the cable, the cable [only] subsequently passing to the next coil group part [to produce the latter.].

Claim 4. (Amended) A stator winding as claimed in claim 1, comprising three [any of claims 1-3, characterized in that the number of] coils in [the] each coil group part [is three].

Claim 5. (Amended) A stator winding as claimed in claim 1, comprising four [any of claims 1-3, characterized in that the number of] coils in [the] each coil group part[s is four].

Claim 6. (Amended) A stator winding as claimed in claim 1, wherein [characterized in that] the coil group parts are arranged in relation to each other in a peripheral direction such that alternate coil group parts [on their way] extending to a radial layer are situated

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radially inside the next following coil group part and alternate coil group parts are situated radially outside the next following coil group parts.

Claim 7. (Amended) A stator winding as claimed in claim 6, wherein [characterized in that] the coils are formed by the cable on passing from a first one of said slots to a second one of said slots, and [also] upon returning to the first slot, changing position to [the] a next adjacent layer, and thereafter passing to the nearest adjacent slot and there filling corresponding positions, until two coil group parts have been formed simultaneously between [altogether] four positions in the relevant slots, whereupon the cable continues [in this way] until [these] the four positions have been filled in all of the slots of the stator.

Claim 8. (Amended) A stator winding as claimed in claim 1, wherein [any of claims 1-7 characterized in that] a pressure-distributing and wear-preventing curable compound is located [provided] between the portions of cable[s] in the coil ends [package].

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Claim 10. (Amended) A rotating electric machine as claimed in claim 9, wherein [characterized in that] the winding comprises at least one [or more] current-carrying conductor[s], wherein a first layer having semi-conducting properties [is arranged]

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around the [each] conductor, an [a permanently] insulating layer [is arranged] around the first layer, and a ~~second~~ layer having semi-conducting properties [is arranged] around the insulating layer.

Claim 11. (Amended) A rotating electric machine as claimed in claim 10, wherein [characterized in that] the first layer is at a potential substantially the same [potential] as the conductor.

Claim 12. (Amended) A rotating electric machine as claimed in claim 10, wherein [or claim 11, characterized in that] the second layer [is arranged in such a manner that it constitutes] forms a substantially [an] equipotential surface surrounding the at least one conductor[s].

Claim 13. (Amended) A rotating electric machine as claimed in claim 12, wherein [characterized in that] the second layer is adapted to be connected to a selected [special] potential.

Claim 14. (Amended) A rotating electric machine as claimed in claim 13, wherein [characterized in that] the [special] selected potential is earth potential.

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Claim 15. (Amended) A machine as claimed in claim 10, wherein [any of claims 10-14, characterized in that] at least two of said layers have substantially the same coefficient of thermal expansion.

Claim 16. (Amended) A rotating electric machine as claimed in claim 10, wherein [any of claims 10-15, characterized in that] the current-carrying conductor comprises a selected number of strand parts, [only] and a selected fewer number [few] of the strand parts are non-insulated [not being insulated] from each other.

Claim 17. (Amended) A rotating electric machine as claimed in claim 10, wherein [any of claims 10-16, characterized in that] each of said [three] layers is permanently connected to the layer adjacent thereto [layers along essentially its entire continuous surface].

Claim 18. (Amended) A rotating electric machine with a magnetic circuit for high voltage wherein the magnetic circuit comprises a magnetic core and a layered winding[, characterized in that the winding consists of] in the form of a cable comprising at least one [or more current-carrying] conductor[s], each conductor [consisting of] including a number of strand parts, an inner semi-conducting layer [being arranged] around each

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conductor, an insulating layer [of permanent insulation being arranged] around the semi-conducting layer, and a semiconducting layer [being arranged] around the insulating layer, the cable being continuously threaded in the stator in a plurality of planar layers formed with concentric end winding portions.

Claim 19. (Amended) A rotating electric machine with magnetic circuit for high voltage as claimed in claim 18, wherein [characterized in that] the cable [is also provided with] includes an outer metal screening and a sheath.

Please delete all multiple dependencies. If any multiple dependencies remain in the claims, it is respectfully requested that said multiple dependencies be deleted and reference be made to the immediately preceding claim.